FORM PTO-1449 (Modified [6-1])



**LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT**
(Use several sheets if necessary)

| ATTY. DOCKET NO. | SERIAL NO. |
|---|---|
| 13761-7064 | 10/079,949 |

TITLE

**COMPOSITION AND METHOD FOR RECONSTITUTING IκB KINASE IN YEAST AND METHODS OF USING SAME**

INVENTOR
**Zandi, et al.**

| FILING DATE | GROUP ART UNIT |
|---|---|
| **February 19, 2002** | **1645** |

**REFERENCE DESIGNATION** **U.S. PATENT DOCUMENTS**

| EXAMR INITIAL | | DOCUMENT NUMBER | DATE | NAME | Class | Subclass | Filing Date If Appropriate |
|---|---|---|---|---|---|---|---|
| | A1. | | | | | | |
| | A2. | | | | | | |
| | A3. | | | | | | |
| | A4. | | | | | | |

**FOREIGN PATENT DOCUMENTS**

| EXAMR INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | Subclass | TRANSLATN yes | TRANSLATN no |
|---|---|---|---|---|---|---|---|---|
| | B | | | | | | | |
| | B3 | | | | | | | |
| | B2 | | | | | | | |
| | B4 | | | | | | | |

**OTHER ART (Include Author, Title, Date, Pertinent Pages, *etc.*)**

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|---|---|---|
| RP | C1. | Auphan, N., J. A. DiDonato, C. Rosette, A. Helmberg, and M. Karin 1995. Immunosuppression by glucocorticoids: inhibition of NF-kappa B activity through induction of I kappa B synthesis. Science. 270:286-290. |
| RP | C2. | Baeuerle, P. A., and D. Baltimore 1988. I kappa B: a specific inhibitor of the NF-kappa B transcription factor. Science. 242:540-546. |
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| RP | C4. | Beg, A. A., and D. Baltimore 1996. An essential role for NF-kappa-B in preventing TNF-alpha-induced cell death. Science. 274:782-784. |
| RP | C5. | Beg, A. A., W. C. Sha, R. T. Bronson, S. Ghosh, and D. Baltimore 1995. Embryonic lethality and liver degeneration in mice lacking the RelA component of NF-κB. Nature. 376:167-169. |
| RP | C6. | Brach, M. A., R. Hass, M. L. Sherman, H. Gunji, and R. Weichselbaum 1991. Ionizing radiation induces expression and binding activity of the nuclear factor kappa B. J. Clin. Invest.. 88:691-695. |
| RP | C7. | Christianson, T. W., R. S. Sikorski, M. Dante, J. H. Shero, and P. Hieter 1992. Multifunctional yeast high-copy-number shuttle vectors. Gene. 110:119-122. |

| EXAMINER | Rebecca Prouty | DATE CONSIDERED | 12/28/04 |
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FORM PTO-1449 (Modified [6-1])

**LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT**

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TITLE

**COMPOSITION AND METHOD FOR RECONSTITUTING IκB KINASE IN YEAST AND METHODS OF USING SAME**



| ATTY. DOCKET NO. | SERIAL NO. |
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| 13761-7064 | 10/079,949 |
| INVENTOR: Zandi, et al. | |
| FILING DATE: February 19, 2002 | GROUP ART UNIT: 1645 |

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|---|---|---|
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| RP | C10. | Gilmore, T. D., M. Koedood, K. A. Piffat, and D. W. White 1996. Rel/NF-kappa-B proteins and cancer. Oncogene. 13:1367-1378. |
| RP | C11. | Guttridge, D. C., M. W. Mayo, L. V. Madrid, C. Y. Wang, and A. S. Baldwin, Jr. 2000. NF-kappaB-induced loss of MyoD messenger RNA: possible role in muscle decay and cachexia. Science. 289:2363-2366. |
| RP | C12. | Huynh, Q. K., H. Boddupalli, S. A. Rouw, C. M. Koboldt, T. Hall, C. Sommers, S. D. Hauser, J. L. Pierce, R. G. Combs, B. A. Reitz, J. A. Diaz-Collier, R. A. Weinberg, B. L. Hood, B. F. Kilpatrick, and C. T. Tripp 2000. Characterization of the recombinant IKK1/IKK2 heterodimer. J. Biol. Chem. 275:25883-25891. |
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| RP | C16. | Li, Q., D. VanAntwerp, D. Mercurio, K. F. Lee, and I. M. Verma 1999. Severe liver degeneration in mice lacking the IkB kinase 2 gene. Science. 284:321-325. |
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| RP | C19. | May, M. J., F. D'Acquisto, L. A. Madge, J. Glockner, J. S. Pober, and S. Ghosh 2000. Selective inhibition of NF-kappaB activation by a peptide that blocks the interaction of NEMO with the IkappaB kinase complex. Science. 289:1550-1554. |

| EXAMINER | Rebecca Prado | DATE CONSIDERED | 12/22/04 |
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| TITLE **COMPOSITION AND METHOD FOR RECONSTITUTING IκB KINASE IN YEAST AND METHODS OF USING SAME** | INVENTOR **Zandi, et al.** | |
| | FILING DATE **February 19, 2002** | GROUP ART UNIT **1645** |



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| RP | C28. | Rudolph, D., W.-C. Yeh, A. Wakeham, B. Rudolph, D. Nallainathan, J. Potter, A. J. Elia, and T. W. Mak 2000. Severe liver degeneration and lack of NF-κB activation in NEMO/IKKγ-deficient mice. Genes & Develop. 14:854-862. |
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| RP | C31. | Sen, R., and D. Baltimore 1986. Inducibility of kappa immunoglobulin enhancer-binding protein NF-kappa B by a posttranslational mechanism. Cell. 47:921-928. |

| EXAMINER | Rebecca Prouty | DATE CONSIDERED | 12/22/04 |
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| RP | C32. | Siebenlist, U., G. Franzoso, and K. Brown 1994. Structure, regulation and function of NF-kappa B. Annu. Rev. Cell Biol. 10:405-455. |
| RP | C33. | Stehlik, C., R. de Martin, I. Kumabashiri, J. A. Schmid, B. R. Binder, and J. Lipp 1998. Nuclear factor (NF)-kB-regulated X-chromosome-linked iap gene expression protects endothelial cells from tumor necrosis factor -induced apoptosis. J. Exp. Med. 188:211-216. |
| RP | C34. | VanAntwerp, D. J., S. J. Martin, T. Kafri, D. R. Green, and I. M. Verma 1996. Suppression of TNF-alpha-induced apoptosis by NF-kappa-B. Science. 274:787-789. |
| RP | C35. | VanAntwerp, D. J., S. J. Martin, I. M. Verma, and D. R. Green 1998. Inhibition of TNF-induced apoptosis by NF-kappa B. Trends Cell Biol. 8:107-111. |
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| RP | C37. | Wang, C. Y., M. W. Mayo, R. G. Korneluk, D. V. Goeddel, and A. S. Baldwin, Jr. 1998. NF-kappa B antiapoptosis: induction of TRAF1 and TRAF2 and c-IAP1 and c-IAP2 to suppress caspase-8 activation. Science. 281:1680-1683. |
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| RP | C42. | Zandi, E., Y. Chen, and M. Karin 1998. Direct phosphorylation of IkappaB by IKKalpha and IKKbeta: discrimination between free and NF-kappaB-bound substrate. Science. 281:1360-1363. |
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| RP | C44. | Zandi, E., D. M. Rothwarf, M. Delhase, M. Hayakawa, and M. Karin 1997. The IkappaB kinase complex (IKK) contains two kinase subunits, IKKalpha and IKKbeta, necessary for IkappaB phosphorylation and NF-kappaB activation. Cell. 91:243-252. |
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